

FUEL CELL USING NON-LINEAR POSITIVE
TEMPERATURE COEFFICIENT MATERIAL

ABSTRACT OF THE DISCLOSURE

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A fuel cell (200) includes a membrane electrode assembly (210) located together with a layer of porous, z-axis electrically conductive, non-linear positive temperature coefficient (NPTC) material (250). The NPTC material (250) operates to selectively limit the amount of electrons collected from localized areas of the

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membrane electrode assembly (210) in order to reduce hot spots.